

Fault message in instrument cluster on engine start "Power Steering Malfunction, Service Required"

| | |
|-------------------|----------------------------------|
| Topic number | LI46.35-P-053719 |
| Version | 1 |
| Design group | 46.35 Electric steering |
| Date | 05-01-2012 |
| Validity | Model 218, all |
| Reason for change | Model series 212 and 166 deleted |

Complaint:

Fault message in instrument cluster on engine start "Power Steering Malfunction, Service Required". Steering power assistance is off.

The following fault codes (DTCs) and KFC numbers (internal codes) are stored in the control unit of the electric power steering (N68).

The KFC numbers are listed in the control unit log for the electric power steering (N68) (see example in attachment).

Fault code P063500 with KFC numbers 0F 00 10 00 FF FF FF FF FF FF

Fault code P063547 with KFC numbers 1D 0E FF FF FF FF FF FF FF FF

| Attachments | |
|-----------------|------------------------|
| File | Designation |
| KFC-Nummern.pdf | Example of KFC numbers |

Cause:

If the steering is operated during the starting procedure with a low battery charge level, the control unit monitor function can interpret this as implausible and signal a malfunction.

Remedy:

Model series 218

1. Perform XENTRY DIAGNOSTICS update with add-on
 - For Xentry Diagnostics DVD 11/2011 use add-on number 2173.
 - For Xentry Diagnostics DVD 01/2012 use add-on number 2174.
2. Perform software update of electric power steering (N68)

| Symptoms |
|--|
| Steering system / Chassis/suspension / Steering System Function / Support / |
| Steering system / Chassis/suspension / Steering System Function / Stiff movement / |

Steering system / Steering System Display / Pow. steer. faulty Serviced Required / Chassis/suspension /

Control unit/fault code

| Control unit | Fault code | Fault text |
|---|------------|--|
| ES - Electrical power steering (N68) (EPS218) | P063500 | The electric power steering has a malfunction. _ |
| ES - Electrical power steering (N68) (EPS218) | P063547 | The electric power steering has a malfunction. There is a runtime error. |

Work units

| Op. no. | Operation text | Time | Damage code | Note |
|---------|---|------|-------------|------|
| 54-0991 | CONTROL UNIT:.....INSTALL SOFTWARE (AFTER QUICK TEST) | | 46494 90 | |